PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number 10/660,253 Filing Date September 11, 2003 First Named Inventor Mark A. Behlke Art Unit N/A Not Yet Assigned Examiner Name

(Use as many sheets as necessary)

of 2 03988/100K297-US1 Sheet 1 Attorney Docket Number

4/2/04

BUTE TRADE

			U.S. PA	TENT DOCUMENTS		
Examiner	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
Initials*			MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Cluss Figures Appear Sub clu	
L	1.	US-5,491,133		Walder et al.	514	44
d	2.	US-5,510,270		Fodor et al.	436	518
d	3.	US-5,962,425		Walder et al.	514	44
de	4.	US-6.197.944		Walder et al.	536	22.1

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number Hind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 If possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	r²		
1	5.	Ahsen et al., Clinical Chemistry 2001, 47:1956-1961 AND Ahsen Supplement			
<u>~</u>	6.	Blake & Delcourt (Nucl. Acids Res. 1998), 26:3323-3332			
4	7.	Bloomfield et al., Nucleic Acids: Structure, Properties, and Functions (University Science Books, Sausalito California 2000): pages 307-308			
7	8.	Bond et al., Biophysical Journal 1994, 67:825-836			
7	9.	Breslauer et al., Proc. Natl. Acad. Sci. U.S.A. 1986, 83:3746-3750			
d	10.	Caruthers et al., Methods Enzymol. 1992, 211:3-20			
7-	1 1.	Cooper, Curr. Opinion Chem. Biol., 1999, 3:557-563			
X-	12.	Corrigendum, Nucl. Acids Res. 1999, 27, No. 3			
4	13.	Denhardt, Biochem. Blophys. Res. Commun. 1966, 23:641-646			
d	14.	DeRisi et al., Science 1997, 278:680-686			
7	15.	Doktycz et al., Biopolymers 1992, 278:680-686 32:849			
2	16.	Frank-Kamenetskii, Biopolymers 1971, 10:2623-2624			
d~	17.	Henegarin et al., Biotechniques 1997, 23(3):504-11			
4	18.	http://www.idtdna.com/program/techbulletins/calculating Molar Extinction Coefficient.asp			
7	19.	Ivanov & AbouHaidaar, Analytical Biochemistry 1995, 232:249-251			
~ ~	20.	Kleppe et al., J. Mol. Biol. 1971, 56:341-361			
7	21.	Lockhart et al., Nature Biotech. 1996, 14:1675			
2	22.	Markouatos et al., J. Clin. Lab Anal. 2002, 16(1):47-51			
_4	23.	Meinkoth & Wahl, Anal. Biochem. 1984, 138:267-284			
d	24.	Owczarzy et al., Biopolymers 1997, 44:217-239			
oL	25.	Owen et al., Biopolymers 1969, 7:503-516			
Examiner		Date			

Considered 4/21/04 Signature

PTC/SB/08a/b (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO Complete if Known Application Number 10/660,253 INFORMATION DISCLOSURE September 11, 2003 Filing Date STATEMENT BY APPLICANT First Named Inventor Mark A. Behlke Art Unit N/A (Use as many sheets as necessary) Not Yet Assigned Examiner Name Attorney Docket Number 03988/100K297-US1

2

E TRADEM

Sheet

2

of

≠ 26.	Peyret N. (2000) Prediction of Nucleic Acid Hybridization: Parameters and Algorithm, Ph.D. Thesis, Wayne State University, Detroit, Michigan	
× 27.	Plum & Breslauer, Curr. Opinion truct. Biol. 1995, 5:682-690	
× 28.	Rouzina & Bloomfield, Biophysical Journal 1999, 77:3242-3251	
29.	Rychlik et al., Nucleic Acids Res. 1990, 18:6409-6412	
√ 30.	Saiki et al., Science 1985, 230:1350-1354	
مل 31.	SantaLucia et al., Biochemistry 1996, 35:3555-3562	
Ø~ 32.	SantaLucia, Proc. natl. Acad. Sci. U.S.A. 1998, 95:1460-1465	
∠ 33.	Schena et al., Science 1995, 270:467-470	
Z_ 34.	Schildkraut et al., Biopolymers 1965, 3:195-208	
35.	Warshaw et al., J. Mol. Biol. 1966, 20:29-38	
✓ 36.	Wetmur, Critical Review in Biochemistry and Molecular Biology 1991, 26:227-259	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.